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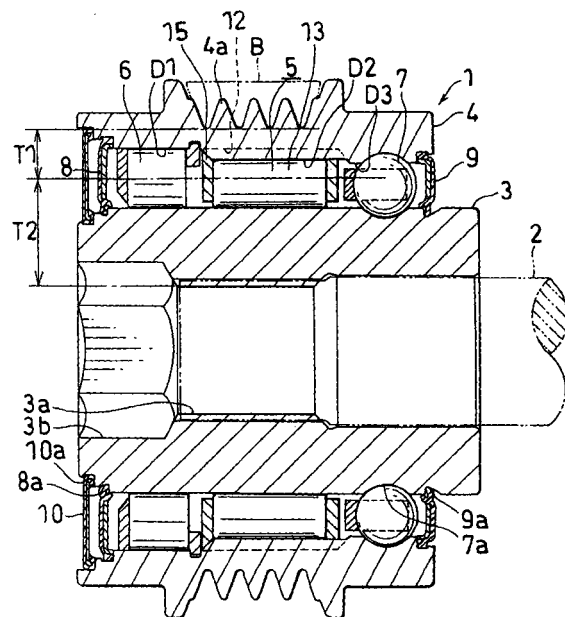
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(54) **Pulley unit having one-way clutch**

(57) A pulley is concentrically disposed around a hollow shaft, and a one-way clutch is disposed between the hollow shaft and the pulley. At least one bearing is provided between the shaft and the pulley. In the one-way clutch, a roller as a meshing member and a coil spring as a biasing member are integrally rotated together with an outer ring. The pulley is provided at its inner periphery with a cam surface, and the pulley and the outer ring of the one-way clutch are integrally formed. The outer and inner diameters of the inner ring are produced by cold forging.

Fig. 1



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EUROPEAN SEARCH REPORT

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			F16D F02N F16H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 July 2004	Examiner Foulger, M
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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